| Inde | ex of Cl | aims |
|------|----------|------|
|      |          |      |

Application/Control No.

10/716,326

Examiner

Gyan Chandra

Applicant(s)/Patent under Reexamination

WADSWORTH ET AL.

Art Unit

1646

| √ | Rejected |
|---|----------|
| = | Δllowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

|   | Z | Non-Elected  |
|---|---|--------------|
| ĺ | _ | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

|       |                       |                       |              |              | <u> </u> |  |              |          |          | } |
|-------|-----------------------|-----------------------|--------------|--------------|----------|--|--------------|----------|----------|---|
| Cla   | aim                   |                       |              | <del></del>  | Date     | <u> </u>   | _            | _        |          |   |
| Final | Original              | 10 25 05              |              |              |          |  |              |          |          |   |
|       | 1                     | -                     | ╁╌           | ╁            |          |  |              | _        |          |   |
|       | 1                     | 1                     | ╁╌           | ╁            | ╁╌       | $\vdash$   |              | _        | -        |   |
|       | 3                     | Ш                     | +            | T            | ┢╾       | $\vdash$   | -            |          |          |   |
|       | 4                     | H                     | $\top$       | <u> </u>     |          |  |              |          |          |   |
|       | 1<br>2<br>3<br>4<br>5 | HI                    | 十            | <u> </u>     |          |  |              |          |          |   |
|       | 6                     | Ш                     |              |              |          |  |              |          |          |   |
|       | 6<br>7                |                       |              |              |          |  |              |          |          |   |
|       | 8                     | I                     |              |              |          |  |              |          |          |   |
|       | 9                     | Ш.                    | ╄            | ╙            | <u> </u> | <u> </u>   |              |          |          |   |
|       | 10                    | Ш                     | ╁            | ⊢            | _        | <u> </u>   |              | _        |          |   |
|       | 11                    | ₩                     | +            | ╄—           | ļ        | <u> </u>   | -            |          |          |   |
|       | 11<br>12<br>13        | ₩                     | +            | ┼            | -        |  |              |          | -        |   |
|       | 14                    | H +                   | ╁            | $\vdash$     | $\vdash$ | $\vdash$   | _            | _        | $\vdash$ |   |
|       | 14<br>15              | +                     | ╁            | +            |          | -  | $\vdash$     | -        | -        |   |
|       | 16                    | ++                    | +            | $\vdash$     | $\vdash$ | ┢  | $\vdash$     | $\vdash$ | -        |   |
|       | 17                    | 111                   | +            | T            |          | -  | $\vdash$     | -        |          |   |
|       | 17<br>18              | H                     | 1            | T            |          | _  |              |          |          |   |
|       | 19                    | $\Pi$                 |              | T            |          |  |              |          |          |   |
|       | 20<br>21              |                       |              | Ī.,          |          |  |              |          |          |   |
|       | 21                    |                       |              |              |          |  |              |          |          |   |
|       | 22                    | 7                     |              | _            |          |  |              |          |          |   |
|       | 23                    | $\perp \perp$         | <u> </u>     | $\perp$      | _        | L  | <u> </u>     |          | L        |   |
|       | 24                    | 1                     | _            | ـ            | <u> </u> | _  |              |          | <u> </u> |   |
|       | 25                    |                       | +-           | ┿            | <u> </u> | _  | ļ            | -        | <u> </u> |   |
|       | 26<br>27              | <del>-</del>          | +            | ╁            | ⊢        | -  |              | _        | ┝        |   |
| -     | 28                    | $\vdash$              | ╁            | ╆            | ╌        | $\vdash$   | -            | -        |          |   |
|       | 28<br>29              | $\vdash$              | ╁            | ╆            |          | ┢  | -            | ┝        | H        |   |
|       | 30                    |                       | +            | ╁            | ┢        |  | -            | $\vdash$ |          |   |
|       | 31                    | Ħ                     | T            | <b>†</b>     |          |  |              |          |          |   |
|       | 32                    |                       |              | İ            |          |  |              |          |          |   |
|       | 33                    | $\Box \Box$           | $oxed{oxed}$ | Γ            |          |  |              |          |          |   |
|       | 34                    |                       | Ţ            | L            | $\Box$   |  |              |          |          |   |
|       | 35                    | $\sqcup \!\!\! \perp$ | 4            | 1            | <u> </u> | <b> </b>   |              | <u>L</u> | <u> </u> |   |
|       | 36                    | <b>├├</b> -           | +            | <del> </del> | <u> </u> | _  | <u> </u>     | <u> </u> | <u> </u> |   |
|       | 37                    | <del>  </del> -       | +            | +            | 1        | -  | <del> </del> | <u> </u> | $\vdash$ |   |
|       | 38<br>39              | ₩                     | +            | -            | 1        | <del> </del>                                     | -            | $\vdash$ | -        |   |
|       | 40                    | $\vdash$              | +            | $\vdash$     | $\vdash$ | $\vdash$   | +-           | $\vdash$ | -        |   |
|       | 41                    | -                     | +            | +-           | $\vdash$ | <del>                                     </del> |              | -        | 1        | 1 |
|       | 42                    |                       | +            | 1            | ┢        | H  | $\vdash$     | Т        | Т        |   |
|       | 43                    |                       |              |              |          |  | Г            |          | Ì.       | 1 |
|       | 44                    |                       | İ            |              |          |  | L            |          |          | ] |
|       | 45                    |                       | $oxed{\Box}$ |              |          |  |              |          |          |   |
|       | 46                    |                       |              | $\perp$      | _        |  | L            |          |          |   |
|       | 47                    |                       | $\perp$      | $\perp$      | <u> </u> | <b>L</b>   | ₩            | _        | ļ        |   |
|       | 48                    |                       | 4            | 1-           | <u> </u> | <u> </u>   | <u> </u>     | <u> </u> | $\vdash$ | - |
| ļ     | 49                    | <del>  </del>         | +            | 1            |          | ┡  | ├            | L        | $\vdash$ | 1 |
| L     | 50                    | $\perp \perp \perp$   |              | <u> </u>     | 1        | <u>L</u> _                                       |              | Ц.       |          | J |

| Cla      | Claim    |                                     |               | Date                                   |              |          |          |          |          |          |  |  |
|----------|----------|-------------------------------------|---------------|--|--------------|----------|----------|----------|----------|----------|--|--|
| Final    | Original |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 51       |                                     |               | $\vdash$                               |              | -        |          |          |          |          |  |  |
|          | 52       |                                     | _             |  |              |          | _        | _        |          |          |  |  |
|          | 53       |                                     |               |  |              | $\vdash$ |          |          | -        |          |  |  |
|          | 54       | _                                   |               | Г                                      |              |          |          |          |          |          |  |  |
|          | 55       |                                     |               |  | Г            |          |          |          |          | -        |  |  |
|          | 56       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 57       |                                     | -             |  |              |          |          |          |          |          |  |  |
|          | 58       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 59       |                                     | $\overline{}$ |  |              |          |          |          |          |          |  |  |
|          | 60       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 61       |                                     |               | Г                                      |              |          |          | -        |          |          |  |  |
|          | 62       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 63       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 64       | H                                   |               |  |              |          |          |          |          |          |  |  |
|          | 65       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 66       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 67       |                                     |               |  |              |          |          |          |          | -        |  |  |
|          | 68       |                                     |               |  |              |          |          |          |          | -        |  |  |
|          | 68<br>69 |                                     |               | $\vdash$                               |              |          |          |          |          |          |  |  |
|          | 70       |                                     | Т             |  |              |          |          |          |          |          |  |  |
|          | 71       |                                     | Т             | $\vdash$                               |              |          |          | _        |          |          |  |  |
|          | 72       |                                     | Г             | $\vdash$                               |              |          |          | _        |          |          |  |  |
|          | 73       | $\vdash$                            |               |  |              | -        |          |          |          |          |  |  |
|          | 74       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 75       | _                                   |               |  | П            |          |          |          |          |          |  |  |
|          | 76       |                                     |               |  |              |          | Г        |          |          |          |  |  |
|          | 76<br>77 |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 78       |                                     |               |  |              |          |          | Г        |          |          |  |  |
|          | 79       |                                     |               |  | П            |          |          |          |          |          |  |  |
|          | 80       |                                     |               |  | Г            |          |          |          |          |          |  |  |
|          | 81       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 82<br>83 |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 83       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 84       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 85       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 86       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 87       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 88       |                                     |               |  |              |          |          |          |          |          |  |  |
|          | 89       |                                     |               |  | <u> </u>     |          |          |          | L.       |          |  |  |
|          | 90       |                                     |               |  | _            | _        |          |          | L        |          |  |  |
|          | 91       |                                     | L             |  |              | L        |          |          |          |          |  |  |
|          | 92       |                                     |               | Ĺ                                      | $\Box$       |          |          |          | _        |          |  |  |
|          | 93       | Ĺ                                   | L             |  | ┕            | L_       |          | <u> </u> | 匚        | L        |  |  |
|          | 94       |                                     |               |  | oxdot        | <u> </u> |          | <u> </u> | 匚        | L_       |  |  |
|          | 95       | L_                                  | _             | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | 1_           | L        | <u> </u> | L        |          | _        |  |  |
|          | 96       | L_                                  |               | <u>L</u>                               | $oxed{oxed}$ | <u> </u> | _        | <u> </u> | <u> </u> | <u> </u> |  |  |
|          | 97       | <u> </u>                            | L             | _                                      |              | _        | _        |          | L_       | <u> </u> |  |  |
| <u> </u> | 98       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>      | $ldsymbol{oxed}$                       | <u> </u>     | _        | L.       | _        |          | <u> </u> |  |  |
|          | 99       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |               | L_                                     | <u> </u>     | L_       | <u> </u> |          | <u> </u> | oxdot    |  |  |
|          | 100      |                                     | L_            | <u> </u>                               | <u> </u>     |          | <u>L</u> | <u> </u> |          |          |  |  |

| CI       | aim                                    | Date     |          |              |                |              |              |  |            |                 |
|----------|--|----------|----------|--------------|----------------|--------------|--------------|--|------------|-----------------|
|          | 1 1                                    |          |          |              |                |              |              |  |            |                 |
| ā        | Original                               |          |          |              |                |              |              |  |            |                 |
| Final    | rig                                    |          |          |              |                |              |              |  |            |                 |
|          | 0                                      |          |          |              |                |              |              |  |            |                 |
|          | 101                                    |          |          |              |                |              | -            |  |            | $\Box$          |
|          | 101<br>102                             |          |          |              |                |              |              |  |            | $\Box$          |
| -        | 103<br>104<br>105<br>106               |          |          |              |                |              |              |  |            |                 |
|          | 104                                    |          |          |              |                |              |              |  |            |                 |
|          | 105                                    |          |          |              |                |              |              |  |            |                 |
|          | 106                                    |          |          |              |                |              |              |  |            |                 |
|          | 107                                    |          |          |              |                |              |              |  |            |                 |
|          | 108                                    |          |          |              |                |              |              |  |            |                 |
|          | 109<br>110<br>111                      |          |          |              |                |              |              |  |            |                 |
|          | 110                                    |          |          |              |                |              |              |  |            |                 |
|          | 111                                    |          |          |              |                |              |              |  |            |                 |
|          | 112                                    |          |          |              |                |              |              |  |            |                 |
|          | 113                                    |          |          |              |                |              |              |  |            |                 |
|          | 114                                    |          |          |              |                |              |              |  |            |                 |
|          | 112<br>113<br>114<br>115               |          |          |              |                |              |              |  |            |                 |
|          | 116                                    |          |          |              |                |              |              |  |            |                 |
|          | 116<br>117<br>118                      |          |          |              |                |              |              |  |            |                 |
|          | 118                                    |          |          |              |                |              |              |  |            |                 |
|          | l 119 l                                |          |          |              |                |              |              |  |            |                 |
|          | 120                                    |          |          |              |                |              |              |  |            |                 |
|          | 120<br>121                             |          |          |              |                |              |              |  |            |                 |
|          | 122                                    |          |          |              |                |              |              |  |            |                 |
|          | 122<br>123<br>124<br>125<br>126<br>127 |          |          | L_           |                |              |              |  |            |                 |
|          | 124                                    |          |          |              |                |              |              |  |            |                 |
|          | 125                                    |          |          |              |                |              |              |  |            |                 |
|          | 126                                    |          |          | L            |                |              |              |  |            |                 |
|          | 127                                    |          |          |              |                |              |              |  |            |                 |
|          | 128                                    |          |          |              |                |              |              |  |            | $\Box$          |
|          | 129                                    | Ш        |          |              |                | _            |              | _  | _          | Ш               |
|          | 128<br>129<br>130                      |          |          | _            |                |              |              |  |            |                 |
|          | 131<br>132                             |          |          |              | _              |              |              | _  |            | Щ               |
| L        | 132                                    | Ш        |          |              |                | <u> </u>     | _            |  | <u> </u>   |                 |
|          | 133<br>134                             | _        |          | <u> </u>     | _              | lacksquare   | Щ            |  | <u> </u>   | Ш               |
| <u> </u> | 134                                    | L        |          |              |                | $\vdash$     |              | _  | <u> </u>   | Ш               |
| <u> </u> | 135                                    | _        |          | <u> </u>     | L_             |              | $\vdash$     | L  | <u> </u>   | Щ               |
| <u> </u> | 136<br>137<br>138                      | <u> </u> | _        | _            | _              | <u> </u>     | L            | <u> </u>   | <u> </u>   | Ш               |
| <u> </u> | 137                                    |          |          | <u> </u>     |                | -            | <u> </u>     | <u> </u>   | <b> </b> — | Щ               |
| <u> </u> | 138                                    | Ŀ        | <u> </u> | ļ            | <u> </u>       | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>   | Ш               |
| <u> </u> | 139                                    | -        | -        | _            | -              | $\vdash$     | <u> </u>     | <u> </u>   | <b>—</b>   | Н               |
| <u> </u> | 140                                    | $\vdash$ | _        | <u> </u>     | <del>  -</del> | $\vdash$     | $\vdash$     | $\vdash$   | <u> </u>   | $\vdash$        |
| <u> </u> | 141                                    | $\vdash$ | _        | ⊢            | ├—             | ⊢            | <u> </u>     | <u> </u>   | -          | $\vdash$        |
| <b></b>  | 142                                    | _        | _        | <del> </del> | _              | -            |              | -  | ├—         | $\vdash \vdash$ |
| <u> </u> | 143                                    | H        | $\vdash$ | ├            | -              | $\vdash$     | -            | -  | $\vdash$   | $\vdash \vdash$ |
|          | 144                                    | $\vdash$ | <u> </u> | -            | -              |              | _            | $\vdash$   | $\vdash$   | $\vdash\vdash$  |
|          | 145                                    |          | -        |              | -              | <del> </del> | $\vdash$     | ⊢  | -          | $\vdash$        |
|          | 146                                    | $\vdash$ | ├-       | $\vdash$     | $\vdash$       | $\vdash$     | ├            | <del>  -</del>                                   |            |                 |
|          | 147                                    | ⊢        | -        | <u> </u>     |                | ⊢            | ⊢            |  | -          | H               |
|          | 148                                    | $\vdash$ | -        | 1            | -              | $\vdash$     | <del> </del> | -  | ├          | -               |
|          | 149                                    | $\vdash$ | ├        |              | -              | $\vdash$     | <u> </u>     | <del>                                     </del> | -          | <u> </u>        |
|          | 150                                    |          | L        |              | L              |              |              |  |            |                 |